

REMARKS/ARGUMENTS

A new Abstract of the Disclosure has been provided on a separate sheet.

The specification has been rewritten to overcome the objections thereto. Claim 9 has been rewritten to overcome the objection to claims 9-16.

Claims 1-4 and 13-16 were rejected under 35 U.S.C. §112, second paragraph. Claims 1 and 13 have been amended to overcome the rejections.

Claims 1-12 were rejected under 35 U.S.C. §102(e) as being anticipated by Blanchard, U.S. Patent Publication No. US 2003/0122188. Claims 13-16 were rejected under 35 U.S.C. §103(a) as being unpatentable over Blanchard and further in view of Bulucea et al., U.S. Patent No. 5,701,023.

In the rejection of independent claims 1, 5 and 9 based on Blanchard, the Examiner indicates that the top end or portion of each of the pylons 40/42 is element 5b/6b. However, it is respectfully submitted that this analysis contradicts the plain disclosure of Blanchard. In particular, Blanchard clearly states that elements 5b and 6b are deep P-body regions that may be included in P-body regions 5 and 6, (paragraph [0005], lines 5-6). Nowhere in Blanchard is it disclosed, taught or suggested that elements 5b and 6b are part of P-type doped regions 40 and 42, (see paragraph [0007], lines 4-11), which is required by the Examiner's analysis.


Furthermore, independent claims 1, 5 and 9 have been amended to provide that each of the pylons or a pylon has a substantially constant diameter. In contrast, in Blanchard, the alleged top end or portion of each of the pylons 40/42, element 5b/6b, clearly has a larger and increasing diameter, when compared to the diameter of the pylons 40/42, (Fig. 3).

In view of the foregoing, allowance of claims 1-16 is respectfully requested.

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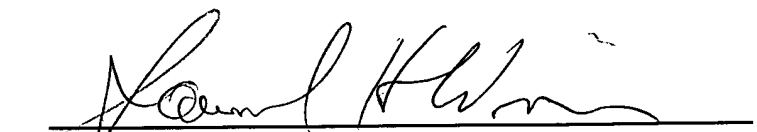

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April 14, 2005

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